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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

Application Number	10/693,185
Filing Date	October 24, 2003
First Named Inventor	Paul David Metcalfe
Group Art Unit	1773
Examiner Name	Unknown
Attorney Docket Number	CRUI/0007
Submission Date	November 12, 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
<i>me</i>	A1	US-6,354,373	03-12-2002	Vercaemer, et al.	
	A2	US-4,406,326	09-27-1983	Wagner	
	A3	US-4,343,358	08-10-1982	Gryskiewicz	
<i>me</i>	A4	US-2002/0092648	07-18-2002	Johnson, et al.	
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			
	A12	US-			
	A13	US-			
	A14	US-			
	A15	US-			
	A16	US-			
	A17	US-			
	A18	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Number-Kind Code ² (if known)				
<i>me</i>	B1	EP 1 152 120	11-07-2001	Castano-Mears, et al.		
<i>me</i>	B2	EP 0 586 992	03-16-1994	Mefford		
	B3					
	B4					
	B5					

Examiner

me

Date Considered

10/15/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



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				Attorney Docket Number	CRUI/0007
				Submission Date	November 12, 2004
Sheet	2	of	2		

NON PATENT LITERATURE DOCUMENTS

[illegible]

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Date Considered

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		Number-Kind Code ² (if known)			
<i>one</i>	A1	US-5,838,925	08-17-1999	Hamid et al.	
<i>one</i>	A2	US-5,046,892	09-10-1991	Kothmann	
<i>one</i>	A3	US-3,712,373	01-23-1973	Bearden et al.	
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			
	A12	US-			
	A13	US-			
	A14	US-			
	A15	US-			
	A16	US-			
	A17	US-			
	A18	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Number-Kind Code ² (if known)				
<i>one</i>	B1	2,200,944 France	04-19-1974	Gantois		
<i>one</i>	B2	640,310 GB	07-19-1950	C. Isler & Company		
	B3					
	B4					
	B5					

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Sheet 2	of 2	Submission Date	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
Mc		GB Search Report, Application No. GB 0224807.8, dated July 25, 2003	

Examiner	<i>Mc Call</i>	Date Considered	10/15/05
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